

1. (Twice Amended) An isolated nucleic acid molecule comprising a sequence encoding a polypeptide having at least 30% identity with the amino acid sequence shown in Fig. 2B (SEQ ID NO: 2).

3. (Amended) The nucleic acid molecule of claim 1, wherein said sequence encodes a polypeptide that, when expressed in a cell of a plant, modifies the production of food storage reserves.

4. (Amended) The nucleic acid molecule of claim 1, wherein said sequence encodes a polypeptide that, when expressed in a cell of a plant, facilitates the intracellular transport of a storage protein.

5. (Amended) The nucleic acid molecule of claim 1, wherein said sequence encodes a polypeptide that, when expressed in a cell of a plant, facilitates the formation of protein bodies.

6. (Amended) The nucleic acid molecule of claim 1, wherein said sequence encodes a polypeptide that, when expressed in a cell of a plant, facilitates the formation of oil bodies.

8. (Twice Amended) An isolated nucleic acid molecule comprising a sequence encoding a polypeptide having at least 30% sequence identity to SEQ ID NO: 2, wherein said isolated nucleic acid molecule hybridizes under low stringency conditions to the nucleic acid molecule comprising the cDNA of Fig. 2A (SEQ ID NO:1), wherein said low stringency conditions comprise:

(i) hybridization at about 42°C, 40% formamide, 0.1 mg/ml sheared salmon sperm DNA, 0.5% SDS, 5X SSPE, and 1X Denhardt's reagent;

- (ii) two washes at room temperature, 2X SSC, and 0.1% SDS; and
- (iii) two washes at room temperature, 0.5X SSC, and 0.1% SDS.

21. (Amended) A seed comprising the isolated nucleic acid of claim 1 or 8.

23. (Amended) An expression vector comprising an isolated DNA molecule encoding antisense RNA based on a nucleic acid encoding a polypeptide having at least 30% identity to the amino acid sequence shown in Fig. 2B (SEQ ID NO:2).